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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/671,667	09/29/2003	Kazuya Kumazawa	Q77598	8277

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EXAMINER

JACKSON, BLANE J

ART UNIT	PAPER NUMBER
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2618

MAIL DATE	DELIVERY MODE
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07/11/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/671,667

Applicant(s)

KUMAZAWA ET AL.

Examiner

Blane J. Jackson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 June 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4 and 9-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4 and 9-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input checked="" type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claims 1, 2, 4 and 9-14 have been considered but are moot in view of the new ground(s) of rejection. Further search revealed Takeyama which teaches the amended claimed invention. The previous rejection under 35 U.S.C. 112 second paragraph with respect to claim 9 is resolved in view of the applicant's Remarks filed 11 June 2007.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1, 2, 4 and 9-14 are rejected under 35 U.S.C. 102(a) as being anticipated by Takeyama et al. (US 6,341,018).

As to claim 1, Takeyama teaches a card holding structure in an internal housing (figure 1, connector body (3) in closure member (2) of the battery case) comprising:

A card insertion port provided in a battery holding concave portion of the internal housing (figures 1-4, column 4, lines 27-38, card inlet/outlet port (17)),

Said card insertion port comprising a slope to guide the insertion of a card into the internal housing wherein one end of the slope has an edge for abutting the card in a

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predetermined position and the other end is integral with the internal housing (figures 2 and 6-8, column 36-49, directing hook (21) of the latch arm (20) is “an edge for abutting the card”),

A card connector for holding the card (figures 1 and 2, column 3, lines 19-59, the card insertion space (6) is defined by the top (cover) plate (15), base plate (8) and the first and second side walls (9 and 10)).

As to claim 2, Takeyama teaches the internal housing is provided with a holding rib for inserting the card to the predetermined position (figure 2, column 3, lines 54-59, the first and second side walls (9 and 10) restrict the left and right side surfaces of the IC card).

As to claim 4 with respect to claim 1 or 2, Takeyama teaches the internal housing which covers the card connector has a check opening (figures 2 and 3, the open area – labeled (27) - exposing the inserted IC card not covered by top plate (15)).

As to claim 9 with respect to claim 4, Takeyama teaches the card is visible in said check opening only when said card is positioned in the predetermined position in said internal housing (figures 2 and 3, the open area – labeled (27) - exposing the inserted IC card not covered by top plate (15)).

As to claim 10 with respect to claim 1, Takeyama teaches wherein said internal housing which covers said card is provided with at least one protrusion extending in a direction toward a card connector and retaining said card in said predetermined position (figures 2-4, column 5, lines 4-17, protrusions (11) formed as part of top cover plate (15)).

As to claim 11 with respect to claim 10, Takeyama teaches the at least one protrusion is located substantially over the card connector (figures 2 and 4, column 5, lines 4-17, protrusions (11) formed as part of top cover plate (15) located substantially over the card connector).

As to claim 12 with respect to claim 11, Takeyama teaches the card is pressed against said card connector by the at least one protrusion (figures 4 and 5D, column 5, lines 4-9).

As to claim 13 with respect to claim 1, Takeyama teaches the internal housing is provided with a card receiving portion limiting movement of said card in a specified direction the card within the internal housing (figures 1-4, column 3, lines 31-59, card connector body (3)).

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As to claim 14, Takeyama teaches a card holding structure in an internal housing comprising:

A card insertion port provided in a battery holding concave portion of an internal housing (figures 1-4, column 4, lines 27-38, card inlet/outlet port (17) of connector body (3) under the battery case),

A slope part which is provided in said card insertion port to guide the insertion of a card into said internal housing (figure 4, column 4, lines 23-38, inclination surface (18)),

A stopper part located in the slope part wherein the stopper part is ductile so as to conform to the slope of the slope part when pressure is applied (figures 1-4, column 5, lines 30-49, the IC card is inserted into the space (6) while pressing down the upwardly directing hook (21) of the latch arm (20)),

A card connector for holding said card (figures 1-4, column 3, lines 31-59, card connector body (3)).

Conclusion

The prior art made of record and not relied upon but considered pertinent to applicant's disclosure includes Cheng et al. (US 6,175,505).

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

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§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Blane J. Jackson whose telephone number is (571) 272-7890. The examiner can normally be reached on Monday through Friday, 9:00 AM-6:00 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

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For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read "Eileen J. Jacobs". The signature is fluid and cursive, with a long horizontal stroke at the end.